

# Source Pathway - Source Inputs

AERMOD

## Point Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Gas Exit Temp. [K]	Gas Exit Velocity [m/s]	Stack Inside Diameter [m]
POINT	SB_A1	570438.54 Silosa tvertnes	274284.99	50.00	22.00	0.00073	293.15	0.66	0.80

# Source Pathway - Source Inputs

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## Polygon Area Sources

Source Type: AREA POLY

Source: PAREA1 (Tehnologiskais laukums)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
50.00	0.00	3.45E-6		18	569719.76	274492.11
		3.45E-6			569749.64	274511.12
		3.45E-6			569775.44	274526.06
		3.45E-6			569776.80	274562.72
		3.45E-6			569787.66	274587.17
		3.45E-6			569806.67	274619.76
		3.45E-6			569827.04	274631.98
		3.45E-6			569892.23	274621.12
		3.45E-6			569935.68	274618.40
		3.45E-6			570023.95	274611.61
		3.45E-6			570009.01	274547.78
		3.45E-6			570044.32	274534.20
		3.45E-6			570023.95	274401.12
		3.45E-6			569970.99	274394.33
		3.45E-6			569924.82	274392.97
		3.45E-6			569871.86	274411.99
		3.45E-6			569793.09	274439.15
		3.45E-6			569731.98	274477.17

# Source Pathway - Source Inputs

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Source Type: AREA POLY

Source: PAREA2 (viss izstrades laukums)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
50.00	0.00	1.14E-7		24	569459.03	274722.97
		1.14E-7			569577.17	274876.42
		1.14E-7			569627.42	274896.79
		1.14E-7			569809.39	274847.90
		1.14E-7			569841.98	274792.22
		1.14E-7			569862.35	274784.08
		1.14E-7			569896.30	274780.00
		1.14E-7			569908.52	274781.36
		1.14E-7			569918.03	274782.72
		1.14E-7			569958.77	274769.14
		1.14E-7			569990.00	274758.27
		1.14E-7			570022.59	274741.98
		1.14E-7			570025.31	274736.55
		1.14E-7			570034.81	274710.74
		1.14E-7			570022.59	274608.89
		1.14E-7			570011.73	274555.93
		1.14E-7			570045.68	274531.49
		1.14E-7			570022.59	274399.76
		1.14E-7			569951.98	274391.62
		1.14E-7			569927.53	274391.62
		1.14E-7			569778.15	274445.94
		1.14E-7			569718.40	274490.75
		1.14E-7			569680.38	274524.70
		1.14E-7			569574.46	274612.97

# Source Pathway - Source Inputs

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Source Type: AREA POLY

Source: PAREA3 (SB tehnologiskais laukums)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
50.00	0.00	6.56E-6		6	570432.40	274247.94
		6.56E-6			570385.38	274275.98
		6.56E-6			570358.98	274241.34
		6.56E-6			570361.46	274234.74
		6.56E-6			570375.48	274214.12
		6.56E-6			570410.95	274215.77

# Source Pathway - Source Inputs

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## Line Area Sources

Source Type: LINE AREA

Source: ARLN1 (asfaltets cels)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.40	2.80E-8	2.53	569050.11	274181.20	50.00	2.72
			569096.52	274234.24	50.00	2.72
			569148.46	274306.07	50.00	2.72
			569212.55	274381.21	50.00	2.72
			569303.16	274441.98	50.00	2.72
			569358.41	274459.66	50.00	2.72
			569395.98	274462.97	50.00	2.72
			569482.17	274437.56	50.00	2.72
			569579.41	274406.62	50.00	2.72
			569768.36	274407.73	50.00	2.72
			569789.35	274403.31	50.00	2.72
			569895.43	274333.69	50.00	2.72
			569937.42	274316.01	50.00	2.72
			569977.20	274296.12	50.00	2.72
			570094.33	274277.34	50.00	2.72
			570264.50	274170.15	50.00	2.72

# Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: ARLN2 (grants cels)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.40	0.00003	2.53	570263.67	274170.43	50.00	2.72
			570352.82	274112.83	50.00	2.72
			570524.94	274005.85	50.00	2.72
			570603.12	273969.50	50.00	2.72
			570649.75	273948.93	50.00	2.72
			570662.78	273930.41	50.00	2.72
			570729.99	273926.99	50.00	2.72
			570738.90	273938.64	50.00	2.72
			570729.99	273957.16	50.00	2.72
			570656.61	273955.10	50.00	2.72
			570651.81	273950.99	50.00	2.72
			570529.06	274005.85	50.00	2.72
			570376.82	274099.80	50.00	2.72
			570372.71	274102.00	50.00	2.72
			570263.67	274172.00	50.00	2.72

# Source Pathway - Source Inputs

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**Source Type:** LINE AREA

**Source:** ARLN3 (karjera cels)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.40	0.00034	2.53	570305.71	274145.15	50.00	2.72
			570318.31	274175.89	50.00	2.72
			570261.80	274204.77	50.00	2.72
			570247.26	274206.71	50.00	2.72
			570217.20	274221.26	50.00	2.72
			570179.39	274255.19	50.00	2.72
			570179.39	274282.34	50.00	2.72
			570148.36	274292.04	50.00	2.72
			570138.66	274288.16	50.00	2.72
			569995.15	274437.48	50.00	2.72
			569843.98	274576.81	50.00	2.72

**Source Type:** LINE AREA

**Source:** ARLN4 (SIA Salenieku bloki)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.40	0.00139	2.53	570311.95	274146.56	50.00	2.72
			570409.13	274284.47	50.00	2.72

# Source Pathway - Source Inputs

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## Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
ARLN1	A0000001	569053.27	274178.44	2.72	70.48	311.19	50.00	2.53
	A0000002	569099.93	274231.78	2.72	44.32	305.87	50.00	2.53
	A0000003	569125.89	274267.69	2.72	44.32	305.87	50.00	2.53
	A0000004	569151.65	274303.34	2.72	49.38	310.46	50.00	2.53
	A0000005	569183.70	274340.91	2.72	49.38	310.46	50.00	2.53
	A0000006	569214.89	274377.72	2.72	54.55	326.15	50.00	2.53
	A0000007	569260.19	274408.10	2.72	54.55	326.15	50.00	2.53
	A0000008	569304.44	274437.98	2.72	58.01	342.26	50.00	2.53
	A0000009	569358.78	274455.48	2.72	37.72	354.96	50.00	2.53
	A0000010	569394.79	274458.95	2.72	44.93	16.43	50.00	2.53
	A0000011	569437.88	274446.24	2.72	44.93	16.43	50.00	2.53
	A0000012	569480.89	274433.56	2.72	51.02	17.65	50.00	2.53
	A0000013	569529.51	274418.09	2.72	51.02	17.65	50.00	2.53
	A0000014	569579.43	274402.42	2.72	62.99	359.66	50.00	2.53
	A0000015	569642.41	274402.79	2.72	62.99	359.66	50.00	2.53
	A0000016	569705.40	274403.16	2.72	62.99	359.66	50.00	2.53
	A0000017	569767.49	274403.62	2.72	21.46	11.89	50.00	2.53
	A0000018	569787.05	274399.79	2.72	63.44	33.27	50.00	2.53
	A0000019	569840.09	274364.99	2.72	63.44	33.27	50.00	2.53
	A0000020	569893.80	274329.82	2.72	45.56	22.83	50.00	2.53
	A0000021	569935.55	274312.25	2.72	44.48	26.57	50.00	2.53
	A0000022	569976.54	274291.97	2.72	59.31	9.11	50.00	2.53
	A0000023	570035.10	274282.58	2.72	59.31	9.11	50.00	2.53
	A0000024	570092.09	274273.78	2.72	67.04	32.21	50.00	2.53



# Source Pathway - Source Inputs

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Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
ARLN1	A0000025	570148.82	274238.05	2.72	67.04	32.21	50.00	2.53
	A0000026	570205.54	274202.33	2.72	67.04	32.21	50.00	2.53

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
ARLN3	A0000049	570309.59	274143.56	2.72	33.22	292.29	50.00	2.53
	A0000050	570320.22	274179.63	2.72	63.46	207.08	50.00	2.53
	A0000051	570262.36	274208.94	2.72	14.67	187.59	50.00	2.53
	A0000052	570249.09	274210.49	2.72	33.39	205.82	50.00	2.53
	A0000053	570220.01	274224.38	2.72	50.81	221.91	50.00	2.53
	A0000054	570183.59	274255.19	2.72	27.15	270.00	50.00	2.53
	A0000055	570180.64	274286.35	2.72	32.51	197.35	50.00	2.53
	A0000056	570146.80	274295.94	2.72	10.44	158.20	50.00	2.53
	A0000057	570141.69	274291.07	2.72	69.03	226.14	50.00	2.53
	A0000058	570093.85	274340.85	2.72	69.03	226.14	50.00	2.53
	A0000059	570046.02	274390.62	2.72	69.03	226.14	50.00	2.53
	A0000060	569998.00	274440.57	2.72	68.53	222.66	50.00	2.53
	A0000061	569947.61	274487.02	2.72	68.53	222.66	50.00	2.53
	A0000062	569897.22	274533.46	2.72	68.53	222.66	50.00	2.53

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
ARLN2	A0000063	570261.39	274166.90	2.72	53.07	32.87	50.00	2.53
	A0000064	570305.96	274138.10	2.72	53.07	32.87	50.00	2.53
	A0000065	570350.60	274109.26	2.72	67.55	31.86	50.00	2.53
	A0000066	570407.98	274073.60	2.72	67.55	31.86	50.00	2.53

# Source Pathway - Source Inputs

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Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
ARLN2	A0000067	570465.35	274037.94	2.72	67.55	31.86	50.00	2.53
	A0000068	570523.17	274002.04	2.72	43.11	24.93	50.00	2.53
	A0000069	570562.26	273983.87	2.72	43.11	24.93	50.00	2.53
	A0000070	570601.43	273965.66	2.72	50.97	23.81	50.00	2.53
	A0000071	570646.32	273946.51	2.72	22.64	54.87	50.00	2.53
	A0000072	570662.57	273926.22	2.72	67.29	2.92	50.00	2.53
	A0000073	570733.32	273924.43	2.72	14.68	307.41	50.00	2.53
	A0000074	570742.69	273940.47	2.72	20.55	244.29	50.00	2.53
	A0000075	570729.87	273961.36	2.72	73.41	178.39	50.00	2.53
	A0000076	570653.88	273958.29	2.72	6.32	139.40	50.00	2.53
	A0000077	570653.52	273954.82	2.72	67.23	204.08	50.00	2.53
	A0000078	570592.15	273982.25	2.72	67.23	204.08	50.00	2.53
	A0000079	570531.26	274009.42	2.72	59.63	211.68	50.00	2.53
	A0000080	570480.52	274040.74	2.72	59.63	211.68	50.00	2.53
	A0000081	570429.77	274072.06	2.72	59.63	211.68	50.00	2.53
	A0000082	570378.81	274103.50	2.72	4.66	208.25	50.00	2.53
	A0000083	570374.98	274105.54	2.72	64.79	212.70	50.00	2.53
	A0000084	570320.46	274140.54	2.72	64.79	212.70	50.00	2.53
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
ARLN4	A0000085	570315.38	274144.14	2.72	56.24	305.17	50.00	2.53
	A0000086	570347.78	274190.11	2.72	56.24	305.17	50.00	2.53
	A0000087	570380.17	274236.08	2.72	56.24	305.17	50.00	2.53